



END920030144US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Charles A. Hamilton et al.

Group Art Unit: N/A : IBM Corporation
Examiner: N/A : Intellectual Property Law
Serial No.: 10/729,761 : Dept. IQ0A, Bldg. 040-3
Filed: December 5, 2003 : 1701 North Street
Title: OPERATIONALIZING A LEARNING SOLUTION : Endicott, NY 13760

Commissioner For Patents
P.O.. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

For ensuring compliance with the applicant's duty of disclosure under 37 CFR § 1.56, the undersigned hereby submits the documents listed on the attached Form PTO-1449 for consideration by the Examiner in charge of the above-identified patent application.

The listing of these materials is not to be construed as an admission that such is actually prior art with respect to the invention of the present application and is not to be construed that such is material with respect to the present invention.

[] U.S. patent applications which the applicant considers to be related to the above-identified application are as follows:

[] A concise explanation of the relevance of the non-English language references is attached:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

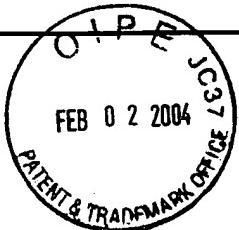
Applicant(s): Charles A. Hamilton et al.

Docket No.

END920030144US1

Serial No.
10/729,761Filing Date
12/5/2003Examiner
N/AGroup Art Unit
N/A

Invention:

OPERATIONALIZING A LEARNING SOLUTIONI hereby certify that this **Supplemental IDS, PTO-1449, References, Certificate of Mailing and Postcard**
(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 1/28/2004
*(Date)***Georgia Y. Brundage***(Typed or Printed Name of Person Mailing Correspondence)*

A handwritten signature in black ink, appearing to read "Georgia Y. Brundage".

*(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**

[] The relevance of the references is indicated on the enclosed copy of the _____
Search Report for the priority application.

These documents are being submitted (check only one of the next four boxes):

- [] within three months of the filing of the above U.S. national application or of the date of entry of the U.S. national stage in an International Patent Application (no fee is due);
- [X] before receiving a first Office Action on the merits of the above-identified patent application (no fee is due);
- [] following receipt of a first Office Action, but before issuance of a Final Office Action or a Notice of Allowance (if this box is checked, the fee box below OR one of the last two boxes must be checked);

OR

- [] following receipt of a Notice of Allowance or a Final Office Action (if this box is checked, the next box and one of the last two boxes also must be checked).

FEE

- [] The Director is hereby authorized to charge the \$180.00 fee set forth in 37 CFR § 1.17(p) to Deposit Account No. 09-0457.

CERTIFICATION

- [] The undersigned certifies that each item of this information is being submitted within three months of the date it was first cited in any communication from a foreign patent office in a counterpart foreign application.
- [] The undersigned certifies that no item of information contained in the information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of this information disclosure statement.

The Director is hereby authorized to charge payment of any deficiency in the above fee(s) or to charge any additional fees required under 37 CFR § 1.16 or 1.17 or credit any overpayment to Deposit Account No. 09-0457. A duplicate copy of this authorization is attached for the Finance Branch.

Respectfully submitted,

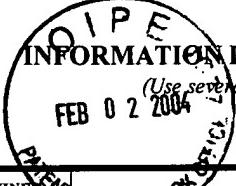
Dated: 01/28/04

By: John Pivnichny
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Reg. No. 43,001

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INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				Docket Number (Optional) END920030144US1		Application Number 10/729,761	
				Applicant(s) Charles A. Hamilton et al.			
				Filing Date 12/5/2003	Group Art Unit:		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		US 2002/0076674 A1	06/20/2002	Kaplan	434	107	09/20/2001
		US 2002/0132213 A1	09/19/2002	Grant et al.	434	322	09/20/2001
		US 2002/0169822 A1	11/14/2002	Packard et al.	709	203	05/09/2001
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
J	FR2803928A1	07/20/2001	France	G06F	17/28		✓
J	JP2001350854A	12/21/2001	Japan	G06F	17/60		✓
J	JP2000066572A	03/03/2000	Japan	G09B	7/00		✓
/	KR2001077749	02/2000	Korea	G06F	019/00		✓
/	KR2001000529	10/2001	Korea	G06F	017/60		✓
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
/	Saddik et al., "Reusability and Adaptability of Interactive Resources in Web-Based Educational Systems", ACM Journal of Educational Resources in Computing, Vol. 1, No. 1, Spring 2001, Article #2, pp. 1-19.						
/	Saddik et al., "Metadata for Smart Multimedia Learning Objects", ACE 2000, 12/00, Melbourne, Australia, pp. 87-94.						
EXAMINER				DATE CONSIDERED			

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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
J		KR2002074241	03/2001	Korea	G06F	17/60	YES	✓
J	/	KR2001103810	07/2001	Korea	G06F	17/60		✓
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
J		Tortora et al., "A Multilevel Learning Management System", SEKE '02, July 15-19, 2002, Ischia, Italy, pp. 541-547.						
J		Michael F. McTear, "Spoken Dialogue Technology: Enabling the Conversational User Interface", ACM Computing Surveys, Vol. 34, No. 1, March 2002, pp. 90-169,						
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



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FEB 02 2004

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Applicant(s) Charles A. Hamilton et al.	
Filing Date 12/5/2003	Group Art Unit

*EXAMINER
INITIAL

PENTON & TRAVERS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	Shin et al., "A Web-Based, Interactive Virtual Laboratory System for Unit Operations and Process Systems Engineering Education: Issues, Design and Implementation", Computers and Chemical Engineering, Vol. 26, Issue 2, February 15, 2002, pp. 319-330.
✓	Morcos et al., "Assessing Student Learning in a Distance Education Environment", Frontiers in Education Conference, October 18-21, 2000, Kansas City, Missouri, Volume 2, page S3D-5.
✓	Klein et al., "A Process Model for Developing Virtual Education Contents", Wirtschaftsinformatik, Germany, Vol. 43, Issue 1, February 2001, pp. 35-45.

EXAMINER

DATE CONSIDERED

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